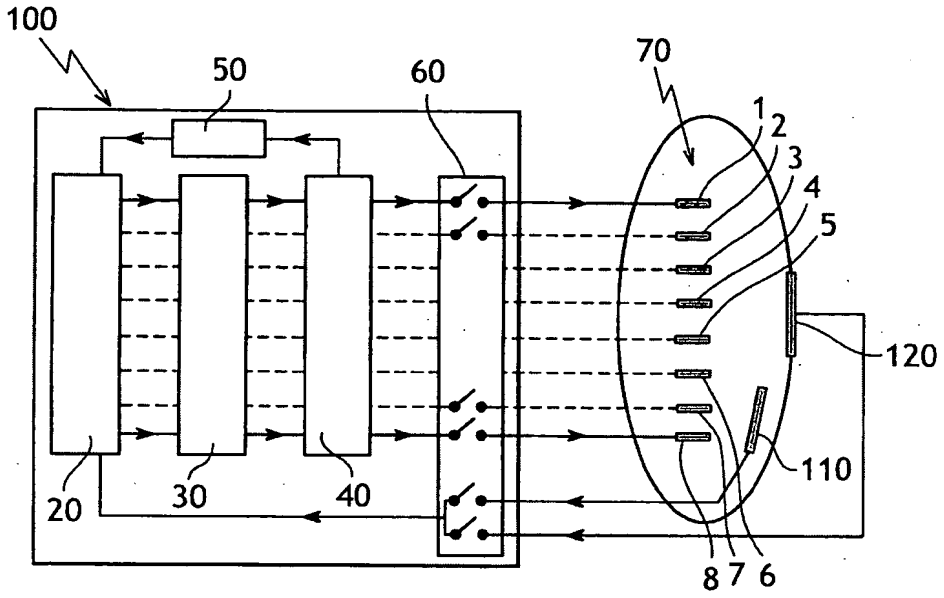


FIG.1

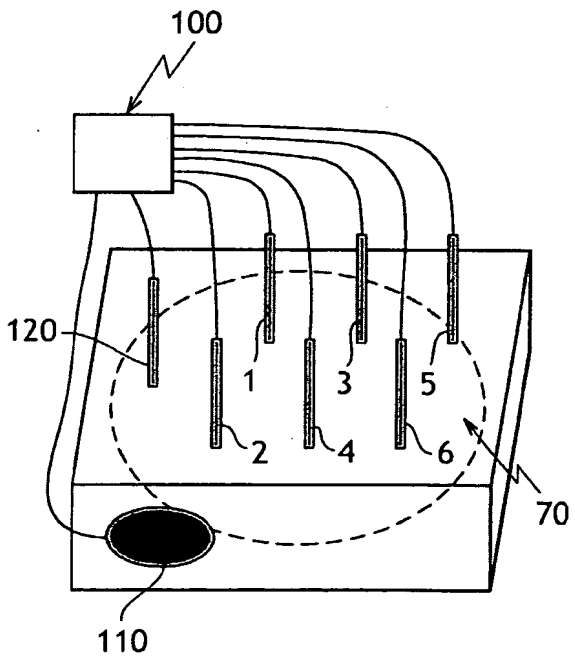


FIG.2

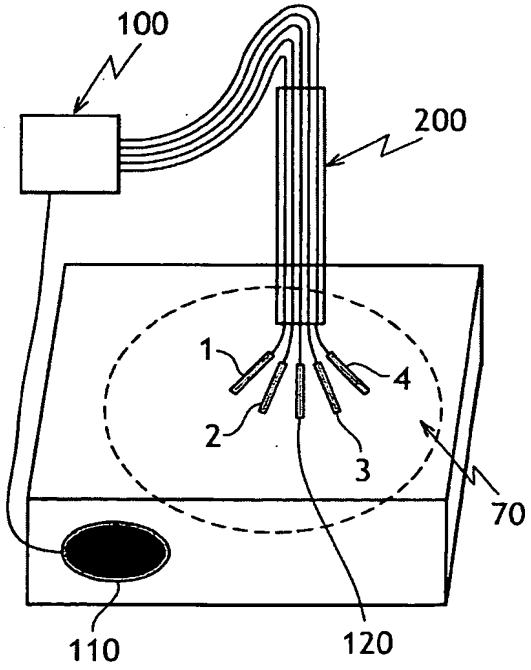


FIG.3

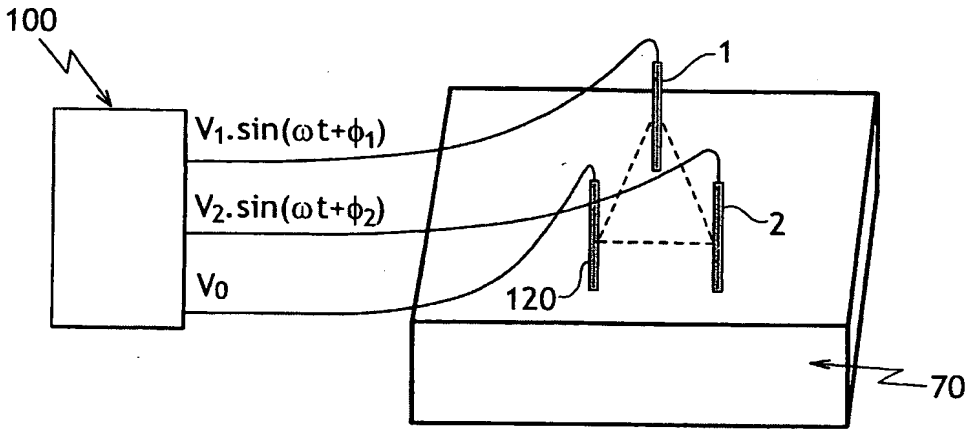

100
$V_1.\sin(\omega t+\phi_1)$
$V_2.\sin(\omega t+\phi_2)$
V_0
1
2
120
70

FIG.4

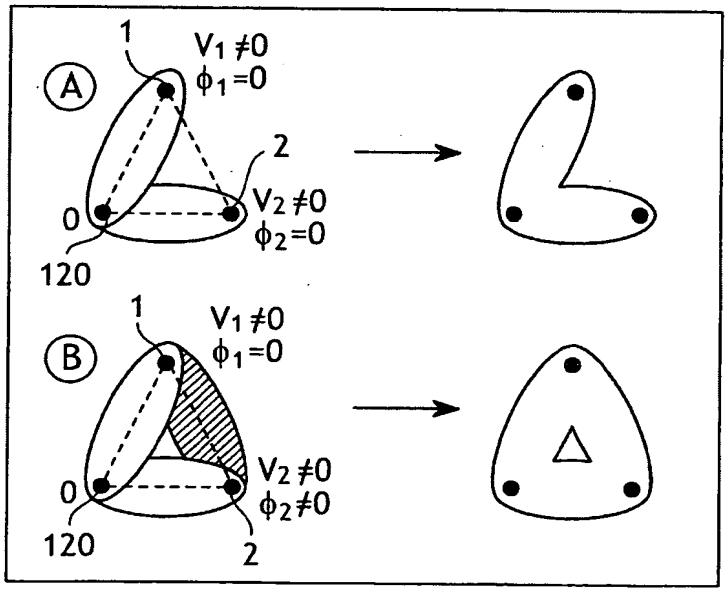

A
1
$V_1 \neq 0$
$\phi_1 = 0$
2
$V_2 \neq 0$
$\phi_2 = 0$
0
120
B
1
$V_1 \neq 0$
$\phi_1 = 0$
$V_2 \neq 0$
$\phi_2 \neq 0$
0
120
2

FIG.5

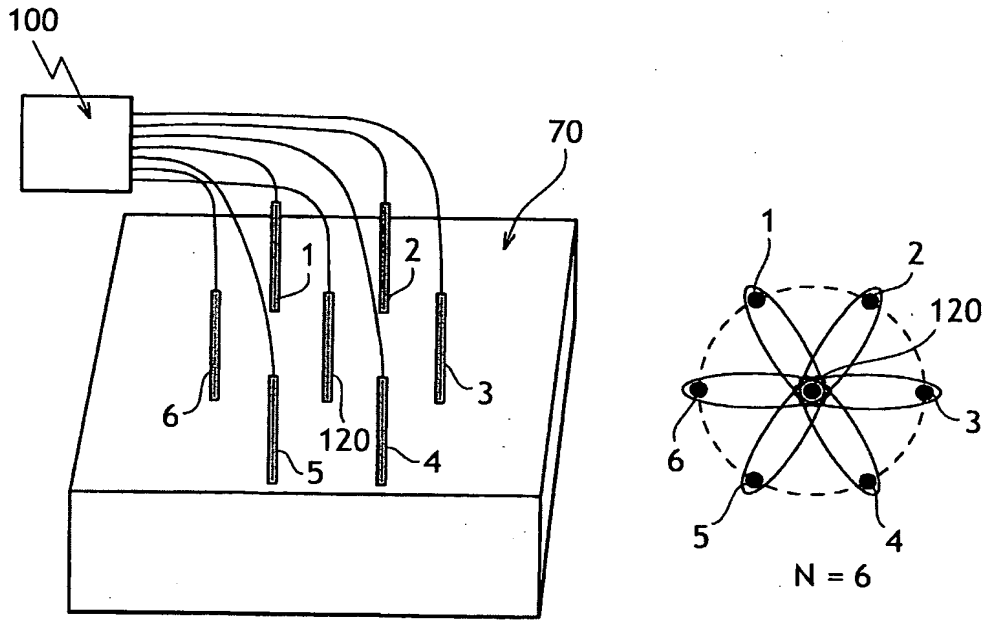


FIG.6

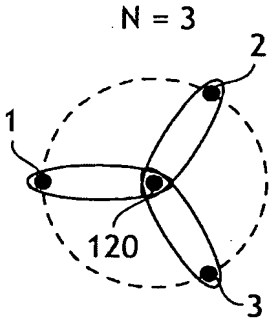


FIG.7a

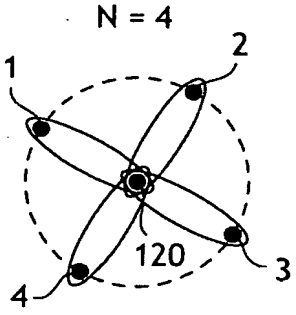


FIG.7b

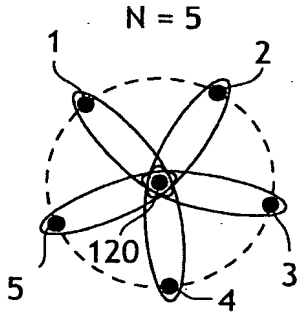


FIG.7c

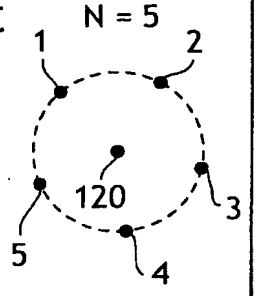
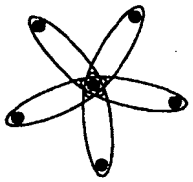
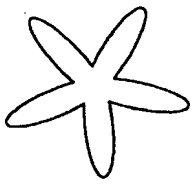
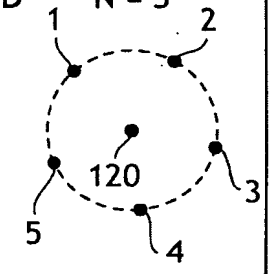
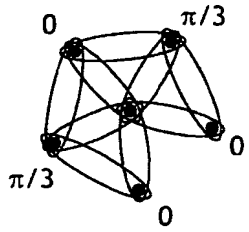
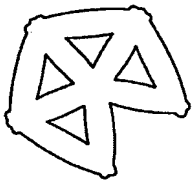
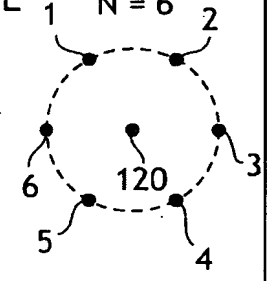
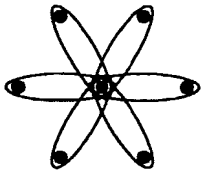
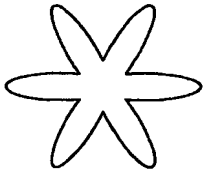
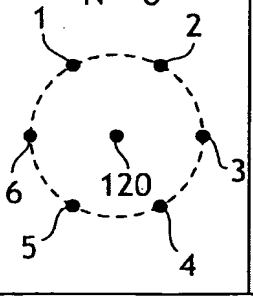
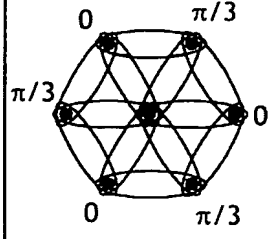
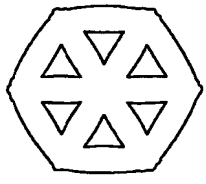
(a)	(b)	(c)	(d)
C N = 5 	$\Phi_i = 0$		
D N = 5 	$\Phi_i = \Delta \frac{1+(-1)^i}{2}$	$\Delta = \pi/3$ 	
E N = 6 	$\Phi_i = 0$		
F N = 6 	$\Phi_i = \Delta \frac{1+(-1)^i}{2}$	$\Delta = \pi/3$ 	

FIG.8

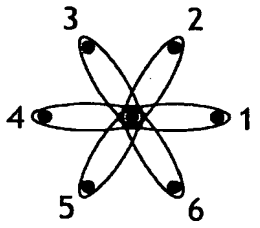
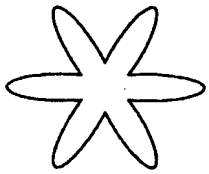
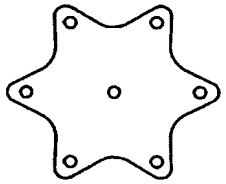
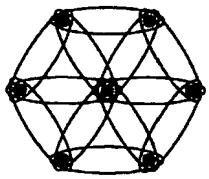
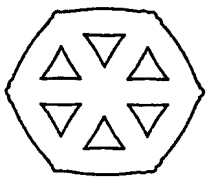
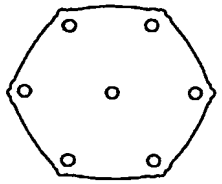
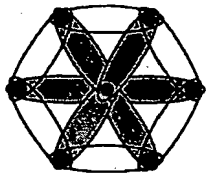
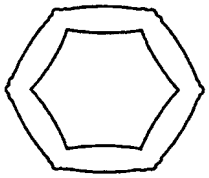
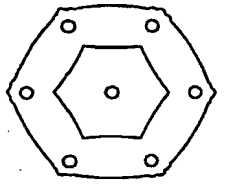
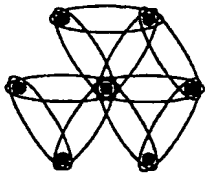
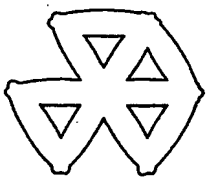
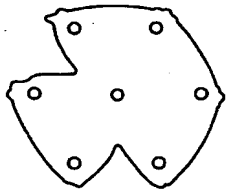
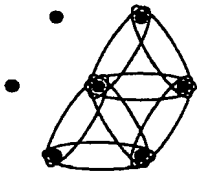
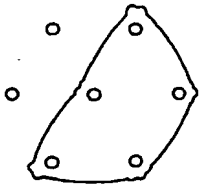
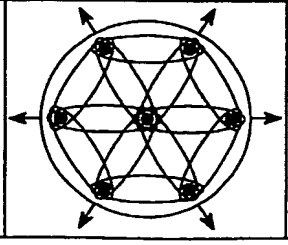
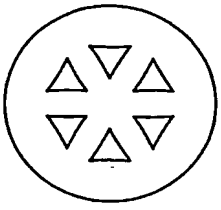
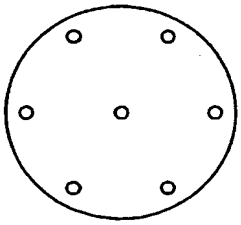
(b)	(c)	(d)	(e)
E $\Phi_1 = 0$ $\Phi_2 = 0$ $\Phi_3 = 0$ $\Phi_4 = 0$ $\Phi_5 = 0$ $\Phi_6 = 0$			
F $\Phi_1 = 0$ $\Phi_2 = \pi/3$ $\Phi_3 = 0$ $\Phi_4 = \pi/3$ $\Phi_5 = 0$ $\Phi_6 = \pi/3$			
G $\Phi_1 = 0$ $\Phi_2 = \pi$ $\Phi_3 = 0$ $\Phi_4 = \pi$ $\Phi_5 = 0$ $\Phi_6 = \pi$			
H $\Phi_1 = 0$ $\Phi_2 = \pi/3$ $\Phi_3 = 0$ $\Phi_4 = 0$ $\Phi_5 = \pi/3$ $\Phi_6 = \pi/3$			
P $\Phi_1 = 0$ $\Phi_2 = \pi/3$ $\Phi_3 = 0$ $\Phi_4 = \pi/3$ $\Phi_5 = 0$ $\Phi_6 = \pi/3$ V_3, V_4 disconnected			
Q $\Phi_1 = 0$ $\Phi_2 = \pi/3$ $\Phi_3 = 0$ $\Phi_4 = \pi/3$ $\Phi_5 = 0$ $\Phi_6 = \pi/3$ additional external return electrode			

FIG.9